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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re application of: Nouri, et al.                                     |  |  |  |  |  |  |
|---|--|--|--|--|--|--|
|   |  |  |  |  |  |  |
| Serial No.: Unknown   | Group Art Unit: Unknown  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| Filed: 9/23/2003  | Examiner: Unknown  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| Title: OBJECT ORIENTED QUERY PATH EXPRESSION TO RELATIONAL OUTER JOIN   |  |  |  |  |  |  |
| TRANSLATOR METHOD, SYSTEM, ARTICLE OF MANUFACTURE, AND COMPUTER PROGRAM |  |  |  |  |  |  |
| PRODUCT   | , and the second |  |  |  |  |  |

INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 CFR 1.97(b))

MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to Section 707.05(b) of the MPEP and 37 CFR 1.97-1.99, a copy is herewith submitted (attached to form PTO-1449, Rev. 7-80) of prior art which is considered to be pertinent to the invention as claimed in the above-identified application.

It is requested that the Examiner fully consider the art cited, initial the leftmost column of the attached PTO Form 1449 adjacent each cited reference, and return a copy of the Form 1449 for applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

The citation of the above references should not be construed as a representation that an exhaustive search has been made, or that other, more pertinent art is not available. Nor does this statement constitute an admission by applicant or applicants' attorney that the information provided herein is necessarily prior art to applicants' invention. Moreover, applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references.

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or before the mailing date of a first Office Action on the merits, whichever occurs last. 37 CFR 1.97(b).

|  | EXPRESS MAIL CERTIFICATE  |
|--|---|
| United States I<br>service under 3<br>to MS Patent A | y that the above paper/fee is being deposited with the Postal Service "Express Mail Post Office to Addressee" 37 CFR 1.10 on the date indicated below and is addressed application -Commissioner for Patents, P.O. Box 1450, A 22313-1450 |
| Date of Depos  | it: September 23, 2003  |
| Person mailing                                       | paper/fee: Carla R. Aliberti  |
| Signature:   | Carlo R aliberts  |

Respectfully Submitted,

Prentiss W. Johnson, Reg. No. 33,123 IBM Corp, Intellectual Property Law 555 Bailey Avenue, J46/G4

Docket No: SVL920020078US1

San Jose, CA 95141-9989 Telephone: (408) 463-5673 Fax: (408) 463-4827

| Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office |       | Attorney Docket No. SVL920020078US1  | <del>-</del>   |  | Serial No.<br>Unknown |                  |                       |  |  |
|---|-------|--|--|--|-----------------------|------------------|-----------------------|--|--|
|   | INF(  | ORMATION DISCLOSUR   | E STATEMENT  | Applicant (s): Nouri, et   | al.                   |                  |                       |  |  |
| (Use several sheets if necessary)                                     |       |  | Filing Date: 9/23/2003   | Filing Date: Group Art Unit: 9/23/2003 Unknown                   |                       |                  |                       |  |  |
|   |       |  | U.S. PATENT D  | OCUMENTS   |                       |                  |                       |  |  |
| Examiner<br>Initial   |       | Document Number  | Date   | Name   | Cla                   | ss Sub-<br>class | Filing Date           |  |  |
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|   |       | Document   | Date   | Country  | Class                 |                  | Translation<br>Yes/No |  |  |
|   | ВА    |  |  |  |                       |                  |                       |  |  |
| A.  | · ·   | OTHER DOCUI  | MENTS (Including Author  | or. Title. Date. Pertinent Pas                                   | res Etc.)             | <u> </u>         |                       |  |  |
|   | CA    | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Part I – The MVCSoft Persistence Manager; Part II – EJB 2.0 Persistence; MVCSoft, Inc., 2000-2001 http://www.mvcsoft.com |  |  |                       |                  |                       |  |  |
|   | СВ    | Ambler, Scott W.; "Enterprise JavaBean Persistence 201 (Company Business and Marketing), Software Development, v8 n10, October 2000 p. 53  |  |  |                       |                  |                       |  |  |
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|   | CE    |  |  |  |                       |                  | <del></del>           |  |  |
| EXAMINE   | ∃R    |  |  | DATE CONSIDERED  |                       |                  |                       |  |  |
| EXAMI   | INER: | Initial if citation conside conformance and not co   | red, whether or not citation is a nsidered. Include copy of this | in conformance with MPEP 609; of form with next communication to | fraw line thre        | ough citation    | if not in             |  |  |